



WATER QUALITY ENVIRONMENTAL PERFORMANCE PARTNERSHIP AGREEMENT


State Fiscal Year 2006

July 2005

Idaho Department of Environmental Quality
U.S. Environmental Protection Agency, Region 10

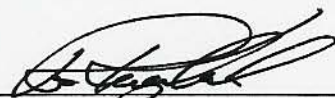
Water Quality Programs Environmental Performance Partnership Agreement

The following Performance Partnership Agreement (PPA) between the United States Environmental Protection Agency (EPA), Region 10 and the State of Idaho is for the Idaho Department of Environmental Quality (IDEQ) Water Quality Programs. This PPA will serve as the Water Quality Programs work plan. It is effective for the State Fiscal Year (SFY) 2006 and covers the period July 1, 2005 through June 30, 2006. This agreement aligns the State of Idaho and EPA Region 10 priorities and defines expected environmental outcomes. Through this agreement, federal and state agencies can work together more efficiently in managing the water resources in Idaho.



Toni Hardesty, Director
Idaho Department of Environmental Quality

7/21/05
Date



Ron Kreizenbeck, Acting Regional Administrator
U.S. Environmental Protection Agency, Region 10

8/1/05
Date

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INTRODUCTION

EPA and States share responsibility for environmental protection. This Performance Partnership Agreement (PPA) describes how the Idaho Department of Environmental Quality (DEQ) and the U.S. Environmental Protection Agency Region 10 (EPA) will work together to protect Idaho's water quality.

The goal of a PPA is to bring more flexibility, accountability, and innovation into the state and federal relationship. In particular, these agreements are intended to increase environmental protection by focusing on overall environmental goals and results of the government programs. In the PPA process, DEQ and EPA discuss environmental conditions and program needs, agree on priorities, develop approaches to address priorities, determine roles and responsibilities, and choose program measurements.

This agreement details how the DEQ and EPA will work together to accomplish their common water quality goals. The two agencies will continue to focus their work on integrating key program areas that form the foundation of the water program. These core programs include: safe drinking water, water quality standards, water quality monitoring and assessment, waterbody and watershed restoration and NPDES permits and compliance. DEQ has primacy of most of these programs except for NPDES and Wetlands which EPA is the lead. Each major water quality program component identifies the expected environmental results as well as the DEQ and EPA work commitments to be completed during State Fiscal Year 2006 (July 1, 2005 through June 30, 2006).

To present a comprehensive overview of DEQ's efforts to protect water quality, this PPA describes additional DEQ water program activities funded by other federal and non-federal funds.

STRATEGIC PRIORITIES

EPA and DEQ were guided in these PPA negotiations by their respective strategic priorities. Table 1 illustrates how many of these priorities, such as improving and maintaining the quality of Idaho's drinking water, are shared by both agencies. These sets of priorities establish the framework for development of this PPA. Specifically, this PPA incorporates EPA's priorities and targets that correspond to DEQ's priorities and objectives.

Table 1 Summary comparison of DEQ and EPA's mission and priorities.

Plan Component	DEQ	EPA
Mission	Protect human health and preserve the quality of Idaho's air, land and water for use and enjoyment today and in the future. (This is also the overarching mission for all of the water programs in the State.)	Protect human health and safeguard the natural environment — air, water, and land — upon which life depends.
DEQ Vision/ EPA National and Region 10 Priorities	DEQ envisions a future for Idaho's citizens wherein quality of life is enhanced by the quality of the environment. We will assess, sustain, preserve, and enhance environmental qualities in partnership with communities and businesses, and in concert with the economic vitality of the State.	<ul style="list-style-type: none"> • Clean Air and Global Climate Change • Clean and Safe Water • Land Preservation and Restoration • Healthy Communities and Ecosystems • Compliance and Environmental Stewardship <p>Region 10 Priorities for Idaho:</p> <ul style="list-style-type: none"> • Coeur d'Alene Basin • Columbia River Basin • Clean-up of Contaminated Sites • Tribal Environmental Health • Fine Particulate Matter from Smoke and Diesel
DEQ Strategic Plan Water Issues and Actions / EPA National Priorities (Water, Enforcement and Compliance)	<ul style="list-style-type: none"> • Improve ground water quality in identified degraded areas and protect all ground water. • Improve the surface water quality in areas identified as not supporting their beneficial uses or where the State believes threatened or endangered species exist. • Protect public health by maintaining or improving the quality of Idaho's Drinking Water. • Promote watershed-based solutions and emphasize coordination, collaboration, and sharing of expertise across programs in recognizing the entire watershed as one system. 	<ul style="list-style-type: none"> • Improve Monitoring • Contribute to the President's Wetland Goals • Improve Compliance with Drinking Water Standards • Restore and Improve Water Quality on a Watershed Basis • Support Sustainable Water Infrastructure • Compliance with the National strategic priorities for Clean Water Act – Wet Weather, which includes Combined Sewer Overflows (CSO's), Overflows (SSOs) and Stormwater; • Implementation of a core compliance program (compliance assistance, monitoring, and enforcement) for both the NPDES and SDWA water programs.

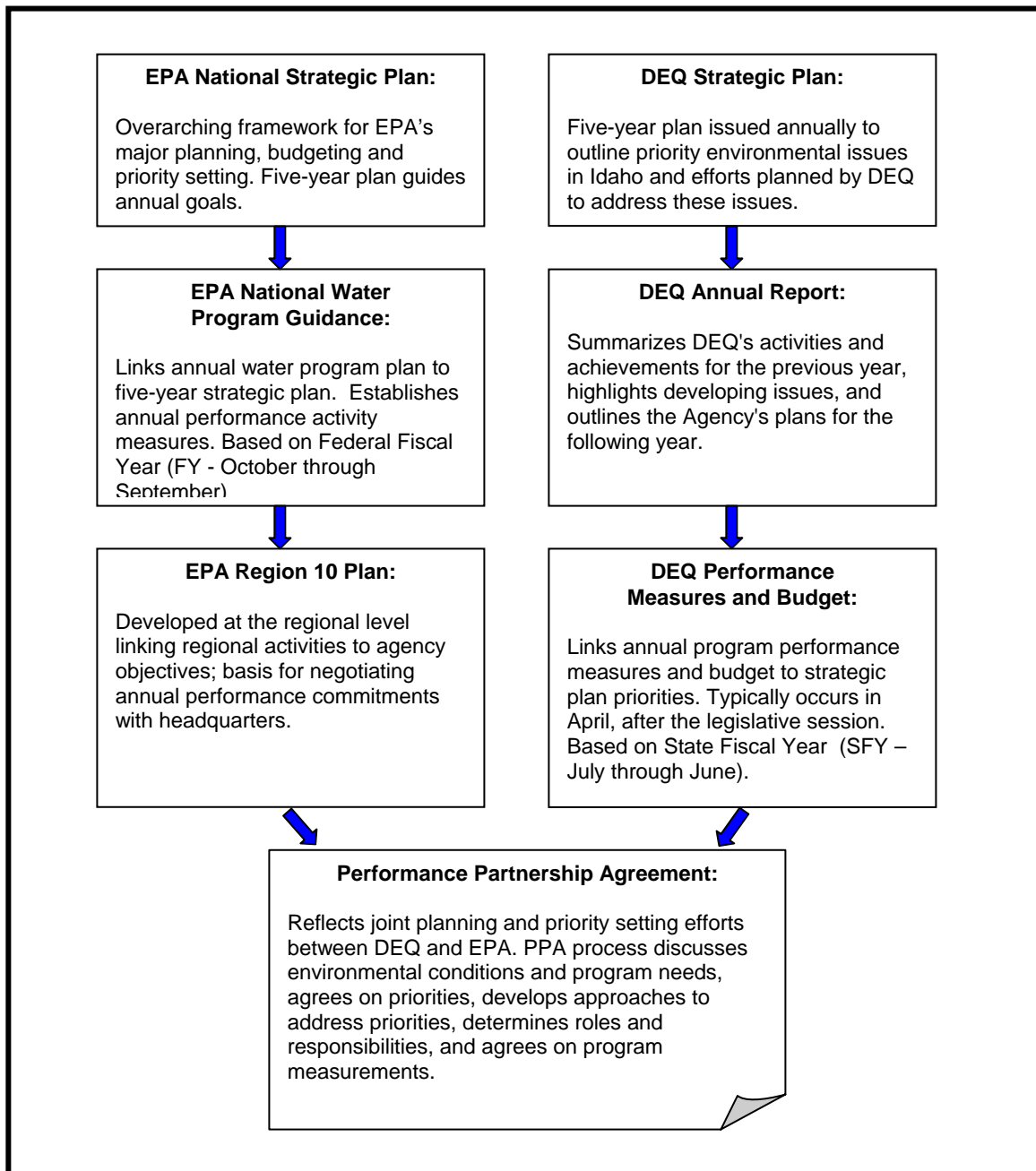


Figure 1 Relationship of DEQ and EPA planning processes to the PPA.

DEQ's Strategic Priorities

DEQ has adopted a Strategic Plan for 2005 through 2009, available at <http://www.deq.state.id.us/about/publications.cfm> . Table 1 summarizes the mission of this comprehensive environmental plan as well as the objectives for the DEQ water quality program. Similar to EPA, DEQ intends to use environmental outcomes as one method in evaluating the effectiveness of its programs. Specific water quality objectives include:

- Improve ground water quality in identified degraded areas and protect all ground water.
- Improve the surface water quality in areas identified as not supporting their beneficial uses or where the State believes threatened or endangered species exist.
- Protect public health by maintaining or improving the quality of Idaho's Drinking Water.
- Promote watershed-based solutions and emphasize coordination, collaboration, and sharing of expertise across programs in recognizing the entire watershed as one system.

EPA's Strategic Priorities

The EPA National Water Program Guidance (Fiscal Year 2006) provides an overarching document of national goals, priorities and performance measures (program activity measures - PAMs) aimed at making significant progress toward protecting human health and improving water quality. This national water program guidance is augmented by the National Program Manager Guidance for Enforcement and Compliance, which lays out specific expectations for compliance and enforcement activities in all programs, including water. The EPA Regional Strategic Plan captures national and regional goals and describes priorities, strategies and expectations. EPA Region 10 strives to integrate state and regional priorities with EPA's national strategic planning objectives. Some of the key priorities are summarized in Table 1. Specific national priorities concerning water quality include:

- Improve monitoring
- Contribute to the president's wetland goals
- Improve compliance with drinking water standards
- Restore and improve water quality on a watershed basis
- Support sustainable water infrastructure

A more complete description on the EPA National 2005 Strategic Plan is available at <http://www.epa.gov/ocfo/>, while Region 10's plan can be located at <http://www.epa.gov/r10earth/>.

I. GENERAL WATER QUALITY AGREEMENTS

I.A. Information and Document Sharing Expectations

IDEQ will submit annual reports to EPA that provide data on the measures indicated in the Performance Partnership Agreement. IDEQ and EPA will inform each other regarding correspondence including grants, agreements, products or services rendered from other local, state and federal agencies or private entities, which concern activities covered under this agreement.

I.B. Training and Technical Assistance

Each agency, within its resource limitations, will provide training and technical assistance to the other upon request.

I.C. Joint Evaluation of Performance

Unless stipulated otherwise in the PPA or individual grant conditions, IDEQ and EPA will perform semi-annual reviews for all PPA commitments. These reviews will occur approximately mid-year and near the conclusion of the annual PPA cycle. This joint evaluation of performance will discuss program accomplishments as measured against work plan commitments existing and potential problem areas, and suggestions for improvement. As a result of these performance evaluations, IDEQ and EPA will collaborate on preparing brief progress reports covering their respective commitments in the PPA.

I.D. Roles and Responsibilities

Roles and responsibilities for EPA and IDEQ are specified at the Program Commitment level in this PPA.

I.E. Terms and Conditions

Follow all terms and conditions outlined in operating agreements, yearly grant agreements, federal and state statutes and regulations. For the purposes of quantification of effort, 2080 person hours is one “full-time equivalent” (FTE), also known as, one “work year”. As required by 40 CFR Part 35, the following Federal sources of funding have been identified in this PPA:

- *Surface Water 106* [Land Application; NPDES Inspections/Certs; Wastewater Plan/Specs]
- *Ground Water 106* [Ground Water Program Related Activities]
- *Non-point Source 319* [TMDL; NPS; Restoration and Management Plans]
- *104(b)(3)* [Wastewater Reuse; WW Security; Microbial Risk Assessment; NPDES Primacy; Storm Water; Biosolids; Watershed Restoration Database]
- *604(b) / 205(j)* [Wellhead Protection; On-site Wastewater Program]
- *TMDL Grant* [Portneuf River, Salmon Falls, Jordan Creek]
- *STAG (205(g) 305(b))*
- *EMAP/REMAP* [BURP]
- *Drinking Water PWSS* [Drinking Water Program Administration]
- *Drinking Water SRF Capitalization Grant* [Drinking Water Loans, Loan Program Administration and eligible set-aside activities]
- *Clean Water SRF* [Wastewater Loans, and Loan Program Administration] Capitalization Grant

I.F. Outcomes

Environmental outcomes are described in the individual program sections.

COMPONENT 1. Surface Water Assessment and Protection Programs

Program Goal

The goal of the IDEQ Surface Water Program is to address impaired water bodies in order to support designated and existing beneficial uses. IDEQ also plans to improve surface water quality in areas with endangered species issues. These goals are accomplished through the following activities: monitoring and data collection; assessment; publish Integrated Report (formerly called the 305(b) report and 303(d) list); water quality standards development; Total Maximum Daily Load (TMDL) development.

Activities

- Complete TMDLs per 2002 Idaho Settlement Agreement. Continue monitoring and assessment; develop water quality standards (WQS). Submit 2004 Integrated Report.

Program Contacts

Christine Psyk, EPA (206) 553-1906
Paula vanHaagen, EPA (206) 553-6977
Michael McIntyre, IDEQ (208) 373-0570

Program Commitments

Priorities:

- Complete 6 Hydrologic Unit Cataloging (HUC) Sub Basin Assessments and Total Maximum Daily Loads (TMDLs) as per the 2002 Settlement Agreement and new schedule established therein.
- The Settlement Agreement requires review of previously evaluated water bodies to determine if TMDLs may now be needed. Dependent on EPA action concerning DEQ's 2002 Integrated Report, reprioritization and/or shifting of TMDL resources may be required to fulfill the increased workload.
- Develop plans and implement approved TMDLs with designated management agencies.
- Review the TMDL process, related rules, and Idaho Code to make modifications as necessary and appropriate.
- Improve agency coordination of ambient monitoring activities in Calendar Year (CY) 2004 field season through the Ambient Monitoring Plan.
- Publish and submit to EPA, the 2004 Integrated Report by 12/05 (date contingent on approval of 2002 IR).
- Initiate 2006 integrated reporting process.
- Complete triennial review of state water quality standards and develop implementation strategy.

Outcomes

An increase in the percentage of surveyed waters supporting beneficial uses and a decreased percentage of waters that do not support beneficial uses that have been addressed by TMDLs.

TOTAL MAXIMUM DAILY LOADS (TMDLS)

Activity 1.0 Restore beneficial uses and meet water quality standards in water quality limited water bodies.

1.1 Approach
Complete Sub-Basin Assessments (SBAs) and TMDLs as per the 2002 TMDL settlement agreement. See Outputs 1.2 (a).

- 1.2 Outputs
- a. Complete approximately 6 SBAs in CY 2005. See 1.2 Outputs (b) list 1-7.
 - b. Complete 7 HUC TMDLs as per The Settlement Agreement and schedule established therein.
 1. Moyie
 2. Hangman
 3. Beaver/Camas
 4. Jordan
 5. Little Salmon
 6. Clearwater

DEQ will continue to cooperate with the Tribe, EPA, and the contractor on the development and issuance of the Black Lake TMDL

South Fork Payette – Awaiting delisting as part of 2002 Integrated Report.

- c. Continue to perform Pre and Post TMDL Monitoring visits, to support TMDL development and adaptive management.
- d. Implementation Plan procedure document for internal DEQ use.
- e. Add language to TMDL Implementation document addressing a critical component of 319 guidance which elevates prospect of EPA 319 funding.
- f. IDEQ anticipates submitting the following late TMDLs to EPA:
 1. 16010102 Bear River
 2. 16010201 Bear River
 3. 16010202 Bear River
 4. 16010204 Malad
 5. 17050124 Weiser River
 6. 17040206 American Falls Reservoir
 7. 17010104 Kootenai River
 8. 17010213 Clark Fork River
 9. 17040220 Camas Creek
 10. 17040221 Little Wood River
 11. 17050101 CJ Strike Reservoir
 12. 17050122 Black Canyon Reservoir
 13. 17050123 Lower North Fork Payette
 14. 17060308 Lolo Creek
- f. 17050114 * Lower Boise tributaries – 5 Use Attainability Analyses (UAAs) were submitted to EPA in lieu of TMDLs. EPA did not approve. DEQ will provide EPA with a schedule of TMDL's and updated UAA's for these five water-bodies..
- g. 17060103 * Snake River – Salmon River to Washington state line. This TMDL is a joint effort by EPA and states in conjunction with the Columbia Main Stem

Temperature TMDL. IDEQ and EPA will continue to work collaboratively on this TMDL, however, the final completion date is unknown at this time due to scope and complexity.

h. Complete the allocation to Snake River aquaculture facilities, fish processors, and the Billingsley Creek phosphorus re-allocation.

1.3 Schedule

SBA and TMDL completion follows a calendar year and an agreed-upon schedule; please see "TMDL Settlement Agreement, Attachment 1 - Schedule".

- Late TMDLs as noted in 1.2 above, are anticipated for completion by December, 2005 or sooner.

1.4 Funding

These Activities are funded by state monies appropriated through the Idaho State Legislature. Presently, IDEQ devotes approximately 47,649 person hours (approximately 22 work years) and \$503,000 in contractual funds to support this effort. Successful achievement of these Activities will depend on additional funding and collaborative efforts with other agencies.

TMDL Implementation Plan development efforts conducted by IDEQ staff are funded by State general funds and some Federal 319 funds.

1.5 Contacts

Christine Psyk, EPA (206) 553-1906

Michael McIntyre, IDEQ (208) 373-0570

Activity 2.0 Ensure water quality and restoration activities are in compliance with existing water quality standards, agency goals and long range plans.

2.1 Approach

Work with other agencies, the regulated community and other stakeholders to guide and direct activities that may impact water quality. Coordinate planning efforts both internally and externally to assure that water quality needs are considered. Conduct audits of practices and work on modification of Best Management Practices (BMPs) and permits as necessary. Conduct enforcement activities when appropriate. Coordinate programs with the Office of Endangered Species. Develop innovative approaches.

2.2 Outputs

- a. Annual and strategic plans for the Surface Water Quality program.
- b. Water quality review activities.

2.3 Schedule

The Annual Report is scheduled for distribution at the beginning of each calendar year. The Strategic Plan is scheduled for distribution at the beginning of each state fiscal year. Planning and review activities occur on an ongoing basis throughout the year.

2.4 Funding

This activity is funded by a mix of state General Fund monies as appropriated by the Idaho State Legislature, and Federal grant funds. This effort may be supported by additional contract funds if available.

- 2.5 Contacts
Christine Psyk, EPA (206) 553-1906
Phil Bandy, IDEQ (208) 373-0439

MONITOR, ASSESS AND DESIGNATE

Activity 3.0 Assess monitoring data for beneficial use status.

- 3.1 Approach
Continue targeted and random monitoring of Idaho water bodies per DEQ Ambient Monitoring Strategy (2004). Improve the monitoring work plan and develop consistent training materials. Using revised Water Body Assessment Guidance (WBAG II), begin assessments of 2003-2004 data. Continue to develop capacity for electronic reporting of 305(b) information in the Integrated Report. Continue electronic reporting of integrated reports using EPA's assessment data base,
- 3.2 Outputs
a. Data collected at 50 random and 240 targeted BURP sites.
b. Publication of the 2004 Integrated Report, including "public comment" and "response to public comment" activities.
c. Initiate work on the 2006 Integrated Report.
d. Implement Ambient Monitoring Plan.
d. Share DEQ's Lake Monitoring Results with EPA.
- 3.3 Schedule
a. Continue to implement the Ambient Monitoring Plan for 2005 field season.
b. Submit 2004 Integrated Report.
c. Coordinate Idaho E-Map data analysis with EPA.
- 3.4 Funding
State monies largely fund the Idaho Ambient Surface Water Monitoring Program (AMP). DEQ does receive some federal monies to support the EMAP/REMAP program in Idaho. IDEQ estimates approximately 36,810 person hours (equivalent to 17 work years) and \$314,000 in contractual funds to support AMP in this PPA cycle.
- 3.5 Contacts
Gretchen Hayslip, EPA (206) 553-1685
Christine Psyk, EPA (206) 553-1906
Michael McIntyre, IDEQ (208) 373-0570

WATER QUALITY STANDARDS

Activity 4.0 Develop scientific based functional water quality standards to address program needs and to ensure protection of Idaho water.

- 4.1 Approach
DEQ and EPA will work collaboratively to review and develop revised water quality standards and any implementation guidance (see section 4.2 for details). DEQ will request applicant status and participate in ESA consultations, complete the triennial review, and submit dockets for current rulemaking.(updates to

human health, cadmium criteria recalculation, and arsenic update).

4.2 Outputs

- a. Share IDEQ nutrient study and recommendations with EPA.
- b. Share mixing zone guidance with EPA.
- c. Complete Triennial Review of Idaho's Water Quality Standards and develop implementation strategy.
- d. Share Clearwater Pilot study findings with EPA.
- e. Prepare a list of man-made waters in Idaho.
- f. Complete 2005 negotiated rulemakings and submit any finalized rules to EPA for their review and action.

4.3 Schedule

IDEQ anticipates the items listed in 4.2 above, to be completed and submitted to EPA by June 30, 2006 unless otherwise specified.

4.4 Funding

These Activities are to be funded by monies appropriated through the state legislature. IDEQ estimates approximately 5,492 person hours (equivalent to 2.54 work years) and \$250,000 in contractual funds to support this effort. Achievement of future goals will depend on additional funding and collaborative efforts with other agencies.

4.5 Contacts

Lisa Macchio, EPA (206) 553-1834
Michael McIntyre, IDEQ (208) 373-0570

Activity 5.0 Component Commitments

5.1 IDEQ and EPA Commitments

- Work together on the Triennial Review.
- Communicate at least quarterly by conference call on progress of WQS submittal and approval actions, TMDLs, Integrated Report, and PPA commitments. Have a minimum of two face to face meetings during life of the PPA. One in December 2005, a second in May , 2006.
- Strengthen working relationship on an ongoing basis.
- Seek additional state and federal funding for surface water protection activities including additional resources for 104(b)(3) monitoring and Ambient Monitoring Plan.
- Both EPA and IDEQ will make appropriate staff assignments to each TMDL.
- Report overall Surface Water Program progress semiannually regarding submittal and approval actions, TMDLs, and Integrated Report.
- Coordinate review and selection of nonpoint source projects and activities directed to priority watersheds, taking into account multiple available funding sources.
- Continue support of watershed approach, utilizing basin monitoring efforts, state program integration, and storm water planning to emphasize nonpoint source program results
- Conduct high level policy meeting with EPA to resolve difference of opinion regarding Lochsa River temperature delisting by October 2005.

5.2 EPA Commitments

- EPA will take timely action to approve or disapprove all TMDLs submitted by IDEQ.
- EPA will take timely action regarding the 2002 and 2004 Integrated Report within statutory time frames.
- EPA will review, and take approval or disapproval action on the following water quality standards submittals and/or dockets. EPA will also communicate with Barry Burnell, Administrator, IDEQ Water Quality Division, regarding current status of each:
 - a. Removal of salmonoid spawning time table – Docket 16-0102-9704 (by 12/05).
 - b. Seasonal Cold Water Category and Criteria – Dockets 16-0102-9704 and 58-1020-0103 (by 02/06).
 - c. Bull Trout Temperature Criteria – Docket 0002 (by 04/06)
 - d. Use designations – Dockets 58-0102-01033 and 58-0102-0002 (05/06).
 - e. Variance procedure change – Docket 58-0102-0103 (06/06).
 - f. Complete Boise WER Approval – Docket 58-0102-0103 (06/06).
 - g. Other WQS not yet acted on in dockets 16-0102-9704, 58-0102-002, 58-1020-0103, 58-1020-0204 (06/06).
- EPA will continue to provide timely review and action on the following:
 - a. Review SFY 2005 319 applications, work plans, amendments, make grant awards, and provide technical assistance in a timely manner.
 - b. Communicate with IDEQ regarding nutrient standard strategies and development.
 - c. Provide TMDL Settlement Agreement parties with copies of TMDLs and corresponding action letters.
 - d. Snake River SSC for DO (Docket 58-0102-0301)
 - e. Hg methylmercury and metals criteria update (Docket 58-0102-0302).
 - f. Remove federal designation for Soda Creek.

COMPONENT 2. Watershed Protection Program

Activity 1.0 Manage §319/NPS Program.

1.1 Approach

Implement the §319 Nonpoint Source (NPS) Program through EPA approved Idaho 2000 Nonpoint Source Management Plan and 2004 EPA §319 guidance. The Idaho Nonpoint Source Management plan is available at <http://www2.state.id.us/deq/water/nps/nps.htm>.

Update the umbrella NPS MOU among NPS agency partners to re-emphasize their roles and responsibilities in addressing nonpoint source issues on lands they administer. These partners may include: Idaho State Department of Agriculture, Idaho Department of Lands, Soil Conservation Commissions, U. S. Forest Service, Bureau of Land Management, Natural Resources Conservation Service and others. As a follow on to the umbrella MOU, IDEQ will work on revising existing Nonpoint Source, Forest Practices Act, and other sector specific water quality Memorandums of Understanding (MOUs) as necessary.

1.2 Outputs

- a. Successful award and completion of implementation project grants initiated under §319 contracts. These grants are contingent upon approved TMDLs and other water quality priorities and will be based on funding availability and amount. The 319 Nonpoint Source Management Plan will be utilized as the guidance document for this activity.
- b. Administer grants in accordance with relevant grant conditions including use of the Grant Reporting and Tracking System (GRTS) to report program activities on all mandatory elements, including estimated project load reductions (for nitrogen, phosphorus, and sediment as applicable). IDEQ will enter all FY2005 GRTS project data prior to April 1, 2006.
- c. Submit a complete annual report for the Nonpoint Source Management Program (including available load reductions), and §319 grant.
- d. Initiate and develop an umbrella Memorandum of Understanding (MOU) with Nonpoint Source entities.
- e. Perform §319 Reviews utilizing the Nonpoint Source Management Plan as the guidance document.
- f. Integrate outside funding efforts with §319 funding to allow increased funding by all available sources, of implementation work in priority watersheds for which watershed-based plans have been prepared, per §319 guidance.
- g. Continue to develop effluent trading opportunities for this year, including Twin Falls, Brownlee and Portneuf. EPA to provide permit language in order to facilitate further use of this tool.
- h. Report (in annual report and as of 6/06) watershed-based plans under §319 since beginning of FY 2002, which are:
 - i under development,
 - ii being implemented, and
 - iii substantially implemented (per §319 guidance).
- i. Report, by state, the number of waterbodies as being primarily NPS-impaired that are partially or fully restored (cumulative), in Nonpoint Source Annual

Report.

1.3 Schedule

Activities conducted under the auspices of §319/NPS will follow milestones identified in Idaho's Nonpoint Source Management Plan, and §319/NPS grant work plan.

1.4 Funding

EPA funds approximately 60% of the §319/NPS program while 40% in matching funds comes from State and local monies. Pollution Trading efforts have been supported with some 104(b) federal grant funds and State funds. IDEQ estimates approximately 6,328 person hours (approximately 2.93 work years) and approximately \$2,500,000 from the Federal §319 Grant will support §319 activities.

1.5 EPA Commitments

a. EPA will work with DEQ to find the most expeditious mechanisms to utilize the State's full CWA 319 allocation while minimizing the need for carryover between grants.

funds

1.6 Contacts

Christine Psyk, EPA (206) 553-1906
Phil Bandy, IDEQ (208) 373-0439
Rick Seaborne, EPA (206) 553-8510
Todd Maguire, IDEQ (208) 373-0115

Activity 2.0 Develop a Watershed Restoration Project Database

2.1 Approach

Develop a dynamic web application and database to identify and track watershed restoration projects, practices and expenditures, and create a repository for ambient water quality data associated with these projects.

2.2 Outputs

- a) Work with partners and stakeholders in getting commitment to use and maintain the proposed database.
- b) Completed working web application and database.

2.3 Schedule

June 30, 2006.

2.4 Funding

This activity will be funded by the Federal 104(b)(3) grant.

2.5 Contacts

Liisa Itkonen, IDEQ (208) 373-0407

COMPONENT 3. Wastewater Permitting Program

Program Goal

The goal of the Wastewater Permitting Program is to ensure wastewater is utilized in a manner that is protective of human health and the environment with respect to surface water, and ground water aquifers.

Activities

- Process land application permits; perform compliance oversight of land application permitted facilities; assist health districts in on-site wastewater permitting; develop program guidance materials and ensure statewide consistency.

Program Contacts

Richard Huddleston, IDEQ (208) 373-0561

Program Commitments

Priorities

- Conduct 73 wastewater land application permit inspections.
- Issue 33 protective land application permits.
- Conduct timely review of annual reports.
- Participate in the development of a National Sanitation Foundation testing protocol for subsurface drain-field products.

Outcome

An increase in the percentage of wastewater facilities that meet permit limits in down gradient monitoring wells.

Activity 1.0 Process 33 land application permits by July 1, 2006.

1.1 Approach

All permits will be reviewed. Those permits with limits that are inadequate to protect ground water resources will be priorities to be modified or re-permitted. Priority will be given to those in drinking water source assessment areas, degraded aquifers and industrial sites.

1.2 Outputs

- a. Land application permits.
- b. IDEQ will report progress on the issuance of the permits on a semi-annual basis.

1.3 Schedule

Final permits are due by the end of the State fiscal year.

1.4 Funding

This activity is funded by state monies and Federal (EPA) grants including Surface Water 106. The State Program Office and six Regional Offices will complete this activity. The projected level of effort is 13,500 person hours (approximately 6.25 work years).

- 1.5 Contacts
Richard Huddleston, IDEQ (208) 373-0561

Activity 2.0 Provide compliance oversight of land application permitted facilities.

- 2.1 Approach
Provide oversight of the permit for compliance with permit conditions by conducting field inspections, reviewing annual reports, and reviewing permit compliance activities. Enforcement and compliance actions are to be performed as needed.
- 2.2 Outputs
 - a. Complete 73 inspection reports, 60 annual report reviews, 50 permit compliance activity reviews, and enforcement documents.
 - b. Complete 72 annual report reviews
 - c. Complete 31 permit compliance activity reviews.
 - d. IDEQ will report progress semi-annually on the number of inspections completed.
- 2.3 Schedule
All performance measures will be met by the end of fiscal year.
- 2.4 Funding
This activity is funded by state funds and federal (EPA) grant monies including Surface Water 106 funds. Staff located in the Technical Services Division, the State Program Office, and six Regional Offices will complete this activity. The level of effort projected for this activity is 5,179 person hours (approximately 2.4 work years). Additional monies are available for contract work.
- 2.5 Contacts
Richard Huddleston, IDEQ (208) 373-0561

Activity 3.0 Develop program guidance materials and ensure statewide consistency.

- 3.1 Approach
The State Office will be responsible for developing materials for regional offices to use in implementing the land application program in the field, including direction, guidance, and tracking systems. A guidance development workgroup is currently established with DEQ, stakeholders, consultants, and individuals in revising the current guidance. Higher priority items are being revised first. The effort is expected to be ongoing for a couple years.
- 3.2 Outputs
 - a. Revised guidance published on the DEQ website.
 - b. IDEQ will provide copies of any draft or final guidance when requested by EPA.
 - c. Provide Land Application Training to new and existing staff.
- 3.3 Schedule
All performance measures will be met by end of the State Fiscal Year.

3.4 Funding

This Activity is funded by state funds and federal (EPA) grant monies including Surface Water 106. This Activity will be completed primarily by staff in the State Program Office with support from the Technical Services Division and the six Regional Offices. The level of effort projected for this activity is 7,281 person hours (approximately 3.5 work years). Additional monies are available for contract work.

3.5 Contacts

Richard Huddleston, IDEQ (208) 373-0561

Activity 4.0 Develop program guidance and rules for reuse of reclaimed wastewater.

4.1 Approach

The State Office will be responsible for developing guidance and rules for the reuse of reclaimed wastewater for various uses in the State.

4.2 Outputs

- a. Develop rules for reuse of reclaimed wastewater.
- b. Develop guidance on implementing the Reuse rules.
- c. IDEQ will provide copies of any draft or final guidance or rules when requested by EPA.

4.3 Schedule

All performance measures met by end of the State Fiscal Year.

4.4 Funding

This activity is funded by State and the Federal (EPA) 104(b)(3) grant monies. Principally staff in the State Office will complete this activity with support from the Technical Services Division and the six Regional Offices. The level of effort projected for this activity is 350 person hours (approximately 0.17 work years).

4.5 Contacts

Richard Huddleston, IDEQ (208) 373-0561

Activity 5.0 Develop program guidance for microbial risk assessments at wastewater land application facilities, biosolids land application sites, and confined animal feeding operations (CAFO)s.

5.1 Approach

The State Office will be responsible for developing guidance on the feasibility and procedures for performing microbial risk assessments. Additional assistance may be needed from outside consultants.

5.2 Outputs

- a. Develop written procedures for performing microbial risk assessments.
- b. Develop guidance on implementing the procedures.
- c. Perform field sampling and testing to calibrate models developed.
- d. IDEQ will provide copies of the completed or draft procedures when requested by EPA.

- 5.3 Schedule
All performance measures will be met by end of fiscal year.
- 5.4 Funding
This activity has been funded by State and Federal (EPA) 104(b)(3) grant monies. However, the final phase will be funded by State monies. This activity will be completed primarily by staff in the State Office with support from the Technical Services Division and the six Regional Offices. The level of effort projected for this Activity is 400 person hours (approximately 0.2 work years).
- 5.5 Contacts
Gary McRae, IOO (208) 378-5765
Richard Huddleston, IDEQ (208) 373-0561

Activity 6.0 Manage the on-site wastewater program including revisions to the Technical Guidance Manual, assist the District Health Departments in issuing on-site permits, and review large systems plans and specifications, and perform Nutrient-Pathogen studies.

- 6.1 Approach
The State Office will provide guidance materials and overall management activities related to this program. The Regional Offices will be responsible for plan and specification reviews and Nutrient-Pathogen studies.
- 6.2 Outputs
a. Revise Technical Guidance Manual.
b. Large system plan approvals.
c. Assist in the review of Nutrient-Pathogen studies.
- 6.3 Schedule
Activities will be completed on an as needed basis. Plan and specifications and Nutrient -Pathogen studies within 30 days of submittal if possible.
- 6.4 Funding
2,698 hours from the Federal (EPA) 604(b) grant (approximately 1.25 work years).
- 6.5 Contacts
Carla Fromm, IOO (208) 378-5755
Richard Huddleston, IDEQ (208) 373-0561
AJ Maupin, IDEQ (208) 373-0140

Activity 7.0 Component Commitments

- 7.1 EPA Commitments
- Encourage the use of land application of wastewater where it is a preferable alternative to wastewater discharge to surface water

COMPONENT 4. Ground Water Program

Program Goal

The goal of the IDEQ Ground Water Program is to maintain and improve the quality of the State's ground water, and to ensure that existing and future beneficial uses including drinking water, agricultural, industrial and aquaculture water supplies are met. All ground water is to be protected as a valuable public resource against contamination as per Idaho's Ground Water Quality Rule IDAPA 58.01.11. The quality of degraded ground water is to be restored where feasible and appropriate to support designated beneficial uses.

Activities

- Coordinate all Ground Water related programs that EPA provides funding for in Idaho; develop and implement restoration or other management plans in priority areas of the State; develop guidance for interpretation of the Ground Water Quality Rule.
- Perform other Ground Water Program related activities (AG GW Protection Program implementation, program reporting, rule interpretation and implementation, project and contract management, management policy development and implementation, public education and outreach, regional/local GW monitoring and program implementation).

Program Contacts

Marie Jennings, EPA (206) 553-1893

Dave Hovland, IDEQ (208) 373-0475

Program Commitments

Program Priorities

- Promote adoption and review effectiveness of BMPs for ground water protection.
- Prepare comprehensive 2006 Integrated Report for Ground Water.
- Initiate development of a comprehensive program for ground water monitoring in nitrate degraded areas throughout the State to determine the nature and extent of contamination and to set a baseline for BMP effectiveness.
- Develop ground water management plans/strategies for addressing areas of degraded ground water quality by nitrate for the top ten nitrate priority areas by 2009. In SFY 2006 DEQ will complete one ground water quality management plan in a nitrate priority area (Canyon County/Lower Boise River) and initiate ground water quality management plans for three nitrate priority areas (Camas Prairie, Ashton, and Rupert areas).
- IDEQ will continue to implement the Ground Water Quality Rule with other designated agencies through its role as chair of the Idaho Ground Water Monitoring Committee and its participation in the Idaho Department of Agriculture, Ground Water Coordination Committee and the Idaho Department of Water Resources, Water Planning Coordination Committee.
- Participate in the Natural Resources Interim Legislative Committee and local aquifer working group deliberations to assist in the development of statewide solutions for ground and surface water quantity and quality concerns.

Outcomes

- Decreasing concentrations of nitrate contamination in aquifers located within designated degraded areas of the State.
- Percent reduction of mean nitrate levels in all monitored wells within nitrate priority areas having completed management plans and percent reduction of nitrate levels in monitoring wells exceeding the ground water quality standard within nitrate priority areas having completed management plans.

Program Indicator

Number of management plans/strategies implemented in degraded ground water areas.

Activity 1.0 Provide management, oversight, and administrative support for the Ground Water 106 Program.

- 1.1 Approach
IDEQ will coordinate activities with other agencies for protection of ground water.
- 1.2 Outputs
 - a. Complete revisions to the Nutrient-Pathogen Guidance.
 - b. Participation with Agricultural Ground Water Coordination Committee and subcommittees.
 - c. Chair Ground Water Monitoring Technical Committee
 - d. Provide support to advisory groups of completed ground water quality management plan areas (Twin Falls, Burley-Cassia County, and Weiser nitrate priority areas).
- 1.3 Funding
This activity will be funded by EPA Ground Water 106 funds. IDEQ staff working on this activity will consist of program managers and technical lead persons at a level of 2,200 person hours (approximately 1 work year).
- 1.4 Schedule
Interagency teleconference coordination meetings to be held quarterly.
Participate in a face-to-face meeting with EPA in April 2006.
- 1.5 Contacts
Eric Winiecki, EPA (206) 553-6904
Dave Hovland, IDEQ (208) 373-0475

Activity 2.0 Implement management plans or other restoration activities in priority areas of the State.

- 2.1 Approach
IDEQ will work with the public and relevant agencies in the area to develop management strategies. IDEQ has initiated ground water quality management activities in the Lower Boise-Canyon County nitrate priority area located in the Boise region. Additionally, IDEQ will continue similar efforts this fiscal year in the Camas Prairie nitrate priority area (Lewiston Regional Office), Burley and Rupert priority areas (Twin Falls Regional Office) and the Ashton priority area (Idaho

Falls Office).

2.2 Resources

IDEQ and other agencies will examine ongoing and planned activities in the priority areas to determine if these can be incorporated into a final restoration strategy. IDEQ, when appropriate, may request the formation of an advisory committee, or may utilize an existing advisory group to provide a recommendation regarding the development of management strategies.

2.3 Outputs

a. Ground Water Quality Management Plans that are consistent with the Idaho Ground Water Quality Plan, the Idaho Ground Water Quality Rule, DEQ Policy 004, and contain effective strategies for the restoration of the degraded areas. In SFY 2006 IDEQ will complete one ground water quality management plan in a nitrate priority area (Canyon County/Lower Boise River) and initiate ground water quality management plans for three nitrate priority areas (Camas Prairie; Ashton; and Rupert areas).

b. Provide final or draft reports to EPA by June 30, 2006.

2.4 Schedule

The Lewiston, Twin Falls, and Idaho Falls Regional offices are currently soliciting interest regarding formation of ground water coordination committees in their respective regions. The schedule for final plan development is predicated upon level of interest and involvement of the anticipated committees. Lower Boise-Canyon County Ground Water Management Committee meetings have been initiated in the Boise Regional Office, and will be completed in SFY 2006.

2.5 Funding

These Activities are funded with a combination of CWA 319 grant funds, Ground Water 106 funds and state resources. It is estimated that these Activities will require 4,150 person hours (approximately 1.9 work years) in the Regional Offices, Technical Services Division, and State Office.

2.6 Contacts

Eric Winiecki, EPA (206) 553-6904

Toni Mitchell, IDEQ (208) 373-0250

Activity 3.0 Ground Water Programmatic Related Activities (AG GW Protection Program Implementation, program reporting, rule interpretation and implementation, management policy development and implementation, public education and outreach, regional/local GW monitoring and program implementation, etc.).

3.1 Approach

Continue management of Idaho's Ground Water Quality Program. Coordinate IDEQ Regional Offices and State Office in the area of Ground Water Rule interpretation and implementation. Participate in the implementation of the Agricultural Ground Water Protection Program portion of the Ground Water Quality Plan.

3.2 Outputs

- a. Finalize a guidance document for the development of water quality monitoring plans for Land Application of Recharge Water Projects. DEQ will provide the guidance document to IDWR for review and discussion.
- b. Participate in IDWR Natural Resource Interim Legislative Committee.
- c. Participate in local aquifer working groups:
 - ♦ Treasure Valley Aquifer
 - ♦ Mountain Home Aquifer
 - ♦ Rathdrum Prairie Aquifer
 - ♦ ESPA-Snake River
 - ♦ Bear Lake
 - ♦ Portneuf
- d. Conduct and coordinate follow-up monitoring to the Statewide Program upon referral through detections by IDWR or as requested by other agencies such as public health districts. Follow-up monitoring can also be initiated by public water system detections or based on individual complaints or concerns. An average of 25 such projects are anticipated each year.
- e. Develop local or regional monitoring projects as a result of follow-up monitoring activities, Nutrient Pathogen (NP) validation projects or aquifer protection activities.
- f. Develop protocols for ground water monitoring activities not covered in the DEQ Quality Assurance Plan. The protocols include monitoring site selection criteria, site documentation and data delivery to Idaho Environmental Management System. The protocols will be shared with other agencies.
- g. Prepare semiannual progress reports to EPA and assist in preparing and submitting input for IDEQ Performance Indicators, Strategic Plan/or IDEQ State of the Environment Report.
- h. Provide informational presentations, technical assistance and respond to public information requests. An average 15-20 of such requests are anticipated each month.
- i. Promote adoption of BMPs for ground water protection, and initiate the preparation of a field guide for evaluating ground water BMP effectiveness.
- j. Complete development of guidance for interpretation of the Ground Water Quality Rule.
- k. Review and make recommendations for water quality monitoring plans for land application by recharge water projects.
- l. Ground water quality investigations/projects including: 1) the Canyon County uranium investigation project (scheduled to be completed in CY 2005), 2) the Rock Creek project monitoring activities (with October 2005 as a projected completion date), 3) the Mountain Home Feeder Canal project (scheduled to be completed in SFY 2006), and the N-P validation study in the Boise area to be completed in SFY 2006).
- m. Meet with IDWR and ISDA to review implementation of the Idaho Ground Water Quality Plan and interagency agreements.
- n. Ground Water Quality Rule Standards revisions.
- o. Develop database for IDEQ ground water quality data.

3.3 Schedule

Complete all projects by June 30, 2006.

3.4 Funding

This Activity is funded with state Ground Water monies and Ground Water 106 funds, and will support 11,750 person hours (approximately 5.4 work years) from the State Office and Technical Services.

3.5 Contacts

Eric Winiecki, EPA (206) 553-6904
Ed Hagan, IDEQ (208) 373-0356

Activity 4.0 Coordinate ground water implementation strategies for a comprehensive program with existing State and federal agency partners.

4.1 Approach

Participate with other groups to develop collaborative strategies, for management of Idaho's ground water resources.

4.2 Resources

IDEQ will use internal resources to oversee and facilitate this activity.

4.3 Outputs

- a. Finalize internal IDEQ review of the Ground Water Quality Plan in CY 2005.
- b. Provide Ground Water Rule interpretation(s).
- c. Prepare comprehensive 2006 integrated report for ground water and coordinate this with IDEQ's Surface Water Program, IDEQ's lead group for the Integrated Report.

4.4 Schedule

Final outputs scheduled for June 2006 but will depend on allocation or redirection of additional state resources.

4.5 Funding

Legislatively appropriated monies and federal dollars will fund this Activity. Projected level of effort for this internal and interagency coordination effort is 2,600 person hours (approximately 1.2 work years).

4.6 Contacts

Marie Jennings, EPA (206) 553-1893
Dave Hovland, IDEQ (208) 373-0475

Activity 5.0 Component Commitments

5.1 IDEQ and EPA Commitments

- Meet annually to review ground water program progress.
- Continue to improve and maintain the quality of ground water in Idaho and seek additional resources to implement actions to accomplish that goal
- Continue coordination and communication across program boundaries.
- Focus additional resources in prioritized areas with significant ground water quality degradation.

COMPONENT 5. NPDES Program

Program Goal

The goal of the National Pollutant Discharge Elimination System (NPDES) Program is to maintain or improve the surface waters of the state. EPA currently retains primacy for the NPDES Program in Idaho. EPA is responsible for the permitting and enforcement of all NPDES permits. IDEQ is responsible for the water quality certification of all permits and performance of a number of inspections per year for EPA, as negotiated. IDEQ conducted approximately 50 NPDES inspections last year. IDEQ will continue evaluating the feasibility of assuming primacy of this program and, with the assistance of a stakeholder steering committee, provide information to the Idaho Legislature and appropriate legislative committees.

Activities

- Continue to evaluate and seek delegation of primacy for the NPDES program;
- Perform NPDES inspections; certify NPDES permits, provide permit writing assistance, and review plans for wastewater facilities construction;
- Perform Biosolids Coordination;
- Conduct Storm Water Phase II implementation, training, and outreach;
- Perform training for wastewater facilities security.

Program Contacts

Michael Lidgard, EPA (206) 553-1755

Kimberly Ogle, EPA (206) 553-0955

Richard Huddleston, IDEQ (208) 373-0561

Program Commitments

Program Priorities

- Complete approximately 50 NPDES inspections this year.
- EPA will provide 3-year plan for DEQ to issue NPDES permits including SFY 2006.
- Utilize EPA's plan and DEQ policy to prepare 401 Certifications.
- Continue to evaluate and seek delegation of primacy for the NPDES program.
- Meet MOU responsibilities for dairy operations and beef cattle feeding facilities.

Outcomes

- Progress towards delegation of program primacy.
- NPDES inspections completed.

Activity 1.0 Evaluate NPDES program primacy, increase capacity, and continue guidance development.

1.1 Approach

A draft approach for an Idaho NPDES program was created by interested parties including mining, timber, agricultural, industrial, municipal, regulatory, and environmental groups. Program costs and funding options need to be re-evaluated. Appropriate legislation has been drafted but not acted upon by the Idaho Legislature. Legislation was approved in the 2005 Idaho Legislature to update the Decision Analysis Report 2.

- 1.2 Outputs
 - a. Decision Analysis Report Update 3.
 - b. Additional guidance and rules if additional funds from EPA become available.
- 1.3 Schedule

The updated Decision Analysis Report will be completed by December 2005 for submission to the 2006 Legislature.
- 1.4 Funding

This activity may be funded in part by federal 104(b)3 grant funds. If federal funds are not available, a very limited effort will be undertaken with State funds. It is anticipated that a potential future state NPDES Primacy Program would be funded by a combination of State General Fund monies, federal grant funds, and fees paid by the regulated community. In SFY 2005, 500 person hours (approximately 0.25 work years) will be devoted to this effort.
- 1.5 Contacts

Michael Lidgard, EPA (206) 553-1755
Kimberly Ogle, EPA (206) 553-0955
Richard Huddleston, IDEQ (208) 373-0561

Activity 2.0 Perform NPDES inspections, certify NPDES permits, assist in writing NPDES permits, and review plans and specifications for wastewater facilities construction.

- 2.1 Approach

Assist in improving surface waters of the state, IDEQ will perform inspection tasks for EPA, provide water quality certifications, assist EPA in preparing NPDES permits, and review plans. For the term of this PPA, IDEQ will build storm water inspection capacity through on-the-job training and observation of EPA-conducted storm water inspections. This will provide opportunities for performance partnering/capacity building in the storm water inspection arena in accordance with national priorities.
- 2.2 Outputs
 - a. Inspection Reports: a negotiated list of NPDES inspections to be completed by IDEQ and the quarter in which each inspection will be completed. The negotiated IDEQ inspection list will be finalized by July 1 each year.
 - b. Pre-certifications as appropriate and 401 certifications.
 - c. Assist in writing one or more NPDES permits.
 - d. Plan approval letters.
 - e. Provide quarterly reports that include a list of inspections done, and a list of inspection reports completed during the quarter. The lists must include the facility name, permit number and inspection date.
- 2.3 Schedule

Plans will be reviewed within 42 days, certifications within 30 days, inspections within the quarter scheduled, and inspection reports within 45 days of the end of the quarter in which the inspection was completed.

2.4 Funding

This activity will be funded by State and EPA grant monies including Surface Water 106 funds. Staff located in Technical Services, the State Office, and six Regional Offices will complete this activity. The level of effort projected for this activity is 12,485 person hours (approximately 5.8 work years). Additional monies are available for contract work.

2.5 Contacts

Michael Lidgard, EPA (206) 553-1755
Kimberly Ogle, EPA (206) 553-0955
Richard Huddleston, IDEQ (208) 373-0561

Activity 3.0 Biosolids Coordination.

3.1 Approach

Improve coordination of biosolids programs with EPA, other state agencies, and the regulated community. Currently, biosolids in Idaho are regulated by EPA through 40 CFR Part 503, and by the IDEQ through IDAPA 58.01.02, Water Quality Standards and Wastewater Treatment Requirements, and IDAPA 58.01. Cleaning of septic tanks. Biosolids generators and land appliers are regulated by two agencies with different requirements. More effort is required in Idaho to determine the extent of biosolids generation, to gain experience with EPA rules and permits through participation in the biosolids general permit development and implementation, provide updated rules and guidance, provide inspections, and train affected personnel in proper biosolids treatment and handling to meet the requirements of the IDEQ and EPA. This activity is a continuation of work started last State fiscal year.

3.2 Outputs

- DEQ will continue to assist EPA in the development of the biosolids general permit.
- DEQ will review proposals for domestic land application of septage and will approve or disapprove land application sites.

3.3 Schedule

Outputs listed in 3.2 will be completed by June 30, 2006.

3.4 Funding

Activity 3.0 is contingent on funding through a federal 104(b)3 grant. In SFY 2006, 200 hours of staff time (approximately 0.1 work years) will be devoted to this effort.

3.5 Contact

Richard Huddleston, IDEQ (208) 373-0561
Dick Hetherington, EPA (206) 553-1941

Activity 4.0 Storm Water Phase II implementation, training, and outreach.

4.1 Approach

EPA must issue NPDES Phase II municipal storm water permits to 23 applicants in Idaho, and evaluate the status of approximately 15 other municipal entities as

to whether they must obtain NPDES permits for storm water or qualify for a waiver from the program requirements. EPA is responsible for implementing the Phase II storm water program for small municipal storm sewer systems (i.e. issuing permits, conducting outreach to affected parties, etc); however, EPA cannot accomplish this implementation without the input help and assistance of various IDEQ water program offices. Funding from federal sources is critical for this activity to proceed at the pace of previous years. Without this funding assistance from DEQ will be limited. Through this PPA, EPA and IDEQ will partner together to support the permitting of municipal storm sewer systems development of a construction & MS4 permit program in Idaho. This cooperative effort will help improve ground water and surface water quality by interagency cooperation and by working with communities, organizations, and watershed advisory groups to assist them with the development of local storm water programmatic control measures.

4.2 Outputs

EPA will provide a draft schedule for creating the municipal SW permits by urban area. IDEQ will provide timely input to EPA on the municipal applications and preliminary draft permits, and provide 401 certification as necessary. IDEQ may also conduct the following activities, which may include but are not limited to:

- provision of “Storm Water Management Techniques” training or outreach
- revision and promotion of the IDEQ Catalog of Storm Water BMPs
- identification of model local storm water ordinances, guidelines, and/or standards for use within Idaho
- coordination with MS4 applicants and/or existing watershed and public advisory groups on storm water issues
- coordination and facilitation regarding development of TMDLs and the municipal storm water permits.

4.4 Schedule

EPA will share the schedule for creating the Idaho Municipal Storm Water Permits by August 15, 2005 and IDEQ and EPA will work together over the remaining 10 months of SFY 2006.

4.4 Funding

This activity may be funded in part by the Federal 104(b)(3) grant. Approximately 500 hours of staff time (equivalent to 0.25 work years) will be devoted to this effort in SFY 2006.

4.5 Contacts

Misha Vakoc, EPA (206) 553-6650
Kimberly Ogle, EPA (206) 553-0955
Richard Huddleston, IDEQ (208) 373-0561

Activity 5.0 Develop program materials for wastewater facilities security.

5.1 Approach

The State Office will be responsible for training materials for wastewater facilities to use in making their facility more secure.

5.2 Outputs

Provide security-training workshops to facilities throughout the State.

5.3 Schedule

All performance measures met by end of SFY 2006.

5.4 Funding

This activity is to be funded by Federal EPA §104 (b)(3) grant monies. The staff in the State Office, with support from Technical Services Division and the six regional offices, will complete this activity. The level of effort projected for this activity is 300 person hours (approximately 0.2 work years).

5.5 Contacts

Richard Huddleston, IDEQ (208) 373-0561

Robert Grandinetti, EPA (206) 553-1283

Activity 6.0 Component Commitments

6.1 EPA Commitments

- EPA will provide timely review of draft NPDES primacy legislation.
- Provide technical assistance in biosolids issues.
- Work with IDEQ in the determination of the SFY 2006 annual inspection schedule by July 1, 2005.
- Implement its 3 year operating plan (CY2006-CY2008) to reduce the backlog of expired permits and to issue permits to New Sources. This plan, with the list of targeted permits, will be shared with IDEQ and will be updated yearly so that IDEQ can properly manage its 401 certification responsibilities. The backlog target should be maintained and has been set to achieve 10% for all facilities by the end of CY2004.
- Work with IDEQ and stakeholders to finalize permit language for water quality trading.
- Utilize IDEQ staff in assisting with the development of 1 NPDES permit.
- Assist in identifying or providing NPDES specific inspection training for 10 IDEQ staff.
- Assist in identifying or providing NPDES Permit Writing training as needed..
- EPA will provide schedule of biosolids permitting activities by September 15, 2005.
- EPA will provide schedule of Phase 2 storm water permitting activities by September 15, 2005.

6.2 IDEQ Commitments

- Continue to review dairy operations and beef cattle feeding facilities pursuant to applicable Memorandums of Understanding (MOU)s.
- Complete additional guidance on mixing zone (per Water Quality Standard Activity 4.2) in order to improve methods and state-wide consistency.
- Submit completed NPDES inspection reports and summaries quarterly.
- Complete NPDES draft permit reviews and 401 certifications.
- Assist with preparation of one or more NPDES permits.

- Review wastewater construction plans.
- DEQ will assist EPA in the development of the biosolids general permit.
- DEQ will assist EPA in implementing the Phase 2 Storm water program in Idaho by providing input into permitting process and providing certification as necessary.
- DEQ may also provide storm water training, identify model storm water ordinances, coordinate with MS4 applicants and advisory groups, and coordinate in development of TMDLs.
- Provide security-training workshops to wastewater facilities throughout the State.

COMPONENT 6. Drinking Water and Wastewater Loan Programs

Program Goal

Improve environmental protection and public health through construction, operation, maintenance and management of drinking water and water pollution treatment facilities to maintain the longest useful life of the facilities.

Activities

- Manage the Drinking Water and Water Pollution Control Loan Programs; Fund Nonpoint Source Projects; Manage the State Grant Programs for Drinking Water Projects & Wastewater Projects; Manage STAG and 205(g) Funded Projects; and Operator Expense Reimbursement Grant Program.

Program Contacts

Rick Green, Drinking Water, EPA (206) 553-8504

Dan Steinborn, Wastewater, EPA (206) 553-2728

Bill Jerrel, IDEQ (208) 373-0400

Program Commitments

Program Priorities

- Issue 15 planning grants and \$23 million dollars in loans to improve drinking water system infrastructure. IDEQ currently has \$2.9 M in application requests “in-hand” for SFY 2006.
- Issue 10 planning grants and \$40 million dollars in loans to improve wastewater system infrastructure.
- Issue nonpoint source loans for purposes that could include municipal storm water management, and agricultural activities. Coordinate with §319 Nonpoint Source Program and TMDL Program.
- Implement an administrative fee proposal for the Water Pollution Control Revolving Fund upon approval from EPA or establish an alternative source of funding.

Activity 1.0 Management of the Drinking Water and Wastewater Loan Programs.

1.1 Approach

For each loan program, execute loan commitments for at least an amount equal to that required and defined in federal statute. Maintain correct federal and state funding ratios by drawing federal funds for each loan program in the proper proportional amounts.

1.2 Outputs

- a. Negotiate loan agreements regarding projects listed on the Intended Use Plans, in an amount no less than that required by federal statute.
- b. Prepare Annual Reports for Water Pollution Control State Revolving Fund (SRF) and Drinking Water SRF.
- c. Implement an administrative fee for the Water Pollution Control Revolving Fund submitted or establish an alternative source of funding.

- 1.3 Schedule
Loans are negotiated throughout the fiscal year, which ends June 30. The Water Pollution Control SRF and the Drinking Water SRF Annual Reports are due September 30 each year
- 1.4 Funding
This activity will be funded entirely by the 4% administrative set-aside portion of both SRFs. In SFY 2006, approximately 12,653 person hours (equivalent to 5.8 work years) will be budgeted to the SRFs. This includes State Office, Technical Services and Regional Office staff. A limited amount of contract funds will be used to promote the drinking water loan program.
- 1.5 Contacts
Bill Jerrel, IDEQ (208) 373-0400
Rick Green, Drinking Water, EPA (206) 553-8504
Dan Steinborn, Wastewater, EPA (206) 553-2728

Activity 2.0 Funding Nonpoint Source Projects.

- 2.1 Outputs
A priority list for FY 2006 has been prepared and put out for public comment, Second, it has two nonpoint source projects on it. Neither, however, are in the fundable range.
- 2.2 Schedule
The Board of Environmental Quality will approve the priority list by June 30, 2005.
- 2.3 Funding
Any IDEQ staff time charged for making nonpoint source project loans will be charged against the 4% CWSRF set-aside for administration.
- 2.4 Contacts
Bill Jerrel, IDEQ (208) 373-0400
Dan Steinborn, EPA (206) 553-2728

Activity 3.0 Planning Grant Programs for Drinking Water Projects & Wastewater Projects.

- 3.1 Approach
Develop an annual wastewater and drinking water grant project priority list. Wastewater grants issued under this program utilize State funds. Obligate any remaining funding from the Local Assistance and Other state Programs [1452(k)(1)] DWSRF Set-Aside.
- 3.2 Outputs
 - a. Priority lists of grant projects, by June 30.
 - b. Twenty-five (20) potential applicants are expected to submit grant applications during SFY 2006.

- c. Reporting for any DWSRF Set-Aside expenditures for this activity will be provided via the DWSRF program annual report.

3.3 Schedule

Grants are negotiated throughout the State fiscal year, which ends June 30.

3.4 Funding

Funding for staff that work in the grant programs are provided through State General Funds. 6,795 person hours (approximately 3.1 work years) statewide has been budgeted in SFY 2006.

3.5 Contact

Bill Jerrel, IDEQ (208) 373-0400
Rick Green, EPA (206) 553-8504

Activity 4.0 Manage STAG and 205(g) Funded Projects

4.1 Outputs

Process reimbursement requests, review change orders, conduct project inspections and prepare closeout packages, as detailed in the 2003 STAG 205(g) grant award (scope of work) documents.

4.2 Funding

Funding for IDEQ staff time for administration and oversight of these EPA wastewater and drinking water construction grant projects will come from the 3% set-aside monies in the respective grants awarded to IDEQ. 3,295 person hours (approximately 1.5 work years) have been budgeted for these activities in SFY 2006.

4.3 Contacts

Bill Jerrel, IDEQ (208) 373-0400
Bryan Yim, EPA (206) 553-8575

Activity 5.0 Manage Operator Expense Reimbursement Program

5.1 Outputs

Award 1 contract for training of very small drinking water system operators.

5.2 Funding

Funding for IDEQ staff will come from the administrative allowance in the grant. 1,865 person hours (approximately .87 work years) have been budgeted for SFY 2006.

5.3 Contacts

Bill Jerrel, IDEQ (208) 373-0400
Bill Chamberlain, EPA (206) 553-8515

Activity 6.0 Evaluate the DWSRF Disadvantaged Assistance Program

6.1 Outputs

- a. Evaluate water systems on current planning grant list to determine eligibility

for

disadvantaged assistance.

- b. Evaluate the eligibility for disadvantaged assistance for water systems with which IDEQ is currently negotiating arsenic compliance schedules.
- c. Discuss the Disadvantaged Assistance Program with IDEQ Regional Office engineers at a statewide meeting.
- d. Prepare a list of projects that potentially could receive disadvantaged assistance during the next two fiscal years.
- e. Provide discussion in the DWSRF Annual Report for SFY 2006 regarding additional projects that potentially could be eligible for disadvantaged assistance.

6.2 Funding

Funding for this evaluation will consist of 4% DWSRF Administration Set-Aside funds,

6.3 Contacts

Bill Jerrel, IDEQ (208) 373-0400
Rick Green, EPA (206) 553-8504

Activity 7.0 Component Commitments

7.1 IDEQ Commitments

- Follow all terms and conditions outlined in the Operating Agreements, yearly capitalization grant agreements, federal statutes, regulations and published national guidance and policies for both SRF Loan Programs.
- Submit annual SRF reports to EPA as required.
- Annual development, review and modification of the Intended Use Plans for both SRF Loan Programs.
- Pursue process for funding non-point source loans (i.e. agricultural and storm water).

7.2 EPA Commitments

- Conduct timely annual reviews and written reports of both SRF loan programs.
- Provide IDEQ with advice and consultation as requested and updated program guidance from EPA Headquarters as it becomes available.
- Provide timely, informative, and accurate advice regarding SRF program implementation and development questions from IDEQ.

COMPONENT 7. Safe Drinking Water Program

Program Goal

The goal of the IDEQ Safe Drinking Water Program is to assist and support public water systems to ensure the delivery of safe and reliable drinking water.

Objectives

1. Public water systems that are located, designed, constructed, operated, maintained and protected to reliably meet drinking water health based standards.
2. Public water systems serving drinking water meeting all health based standards.

Primary Program Contacts

Lance Nielsen, IDEQ (208) 373-0291

Marie Jennings, Unit Manager, EPA (206) 553-1893

Public Health Outcomes/Indicators

1. Successfully address state-wide SNCs (Microbial, Nitrate, Lead, and Chronic Contaminants) for small, medium, and large drinking water systems.
2. Absence of reported waterborne disease outbreaks.

Outcome Targets:

- Address 100% Microbial SNCs at Large and Medium Systems before they become exceptions. (Definition of "Large and Medium" system is one that serves more than 3,300 users).
 - Address 95% of Microbial SNCs at Small Systems before they become exceptions (Definition of "Small" system is a public water system serving less than 3300 persons but over 500 persons).
 - Address 100% Nitrates SNCs at Large and Medium Systems before they become exceptions.
 - Address 85% of Nitrates SNCs at Small Systems before they become exceptions.
 - Address 100% Lead SNCs (initial tap monitoring, optimization of corrosion control, and public education) at Small Community and NTNC water Systems before they become exceptions.
 - Address 85% of Lead SNCs (initial tap monitoring optimization of corrosion control, and public education) at Small Community and NTNC water Systems before they become exceptions.
 - Address 100% of Chronic chemical/radiological SNCs (Other than Lead) at Large and Medium Community and NTNC water Systems before they become exceptions.
 - Address 85% of Chronic chemical/radiological SNCs (Other than Lead) at Small Community and NTNC water Systems before they become exceptions.
- * "Address" is a term used to identify a resolution to the problem or violation. Examples of what may constitute "address" are: contaminant no longer exceeds the MCL in a specified period of time, monitoring is complete, a bilateral enforceable agreement has been entered, or an administrative order to other civil/criminal action has been filed.

Activities/Performance Measures

<p>Objective 1: Public water systems that are located, designed, constructed, operated, maintained and protected to reliably meet drinking water health based standards.</p>	<p>Objective 2: Public water systems serving drinking water meeting all health based drinking water standards.</p>
<p>Performance measures for contamination prevention and supporting activities:</p> <ul style="list-style-type: none"> • Number of sanitary surveys completed • Percentage of public water systems with current sanitary surveys • Number of plan and specification reviews processed under 42 days • Percentage of GWUDI determinations completed • Number of drinking water protection plans written/completed • Number of protection projects in progress/implemented. • Number of source water assessments completed • Number of SDWIS compliance runs validated. • Number of outreach products provided such as the Drinking Water Newsletter, drinking water related brochures. • Percentage of annual drinking water fees collected • Percentage of community water systems for which source water protection strategies are in place. 	<p>Performance measures for compliance indicators and supporting activities:</p> <ul style="list-style-type: none"> • Percentage of public water systems in significant compliance with health based standards • Number of acute microbial and surface water treatment failure events resolved • Number of chemical maximum contaminant level events addressed • Percentage of consent orders in compliance with the terms of their consent order • Number of public water systems in violation of health based standards in excess of 8 months (SNC exception) • Number of database compliance determinations

IDEQ / EPA Partnership Commitments and Schedule

IDEQ/EPA agree to:

- Meet face to face or via teleconference at least four times per year to discuss SNC status, compliance issues, and PWSS program performance issues. At least one of the meetings will be face to face.
- Meet annually for mid-year review/ discuss performance (February).
- Meet annually for program review / discuss performance (July).
- The following priority of rule implementation: 1) Total Coliform Rule 2) Surface Water Treatment Rules 3) nitrate 4) Lead
- Maintain and collaborate on state laboratory certification
- Cooperate and coordinate on issues related to the implementation of new rules
- Cooperate to resolve data quality issues

IDEQ agrees to:

- Upload quarterly SDWIS/State data on time to EPA unless dtf to xml transition makes this not possible
- Provide EPA with semi-annual performance measure reports in the format utilized by IDEQ
- Implement new rules on schedule

EPA agrees to:

- Report quarterly to Idaho DEQ on their analysis of state performance on the EPA measures
- Provide IDEQ with a quarterly SNC list
- Assist IDEQ with transition from SDWIS/State to SWR1
- Communicate issues with and through IDEQ state program office only
- Reduce administrative demands on the State by limiting reporting requirements to semi-annual reports and obtain necessary reports and information from SDWIS when possible
- Attend Idaho Drinking Water Advisory Committee meetings via teleconference or in person
- Continue to provide rule interpretation and assistance
- Provide advance notification to the State on training opportunities
- Continue to implement Unregulated Contaminant Monitoring Rule and update IDEQ on relevant issues

ACTIVITIES :	PWSS Base Grant	DWSRF 2% Technical Assistance Set Aside [1452(g)]	DWSRF Capacity Development Set-Aside [1452(k)]	DWSRF Well Head Protection Set Aside [1452(k)(1)(D)]	PWSS 10% Set Aside [1452(g)(2)]	CWA 319 Non-Point Source	Hours/FTE's
Data Reporting to EPA using SDWIS/STATE	X				X		9,852 hours/4.7 FTE's
Submit Primacy Applications for, and Implement Requirements of New State Rules.	X						3,950 hours/1.9 FTE's
Conduct Final GWUDI Determinations	X						2,166 hours/1.9 FTE's
Address Compliance for Surface Water Systems	X						400 hours/.2 FTE's
Conduct Sanitary Surveys	X		X				9,852 hours/4.7 FTE's
Implement Capacity Development Strategy	X		X				6,985 hours/3.4 FTE's
Plan and Specification Review	X	X					11,637 hours/5.6 FTE's
Drinking Water Engineering Services and Support	X						700 hours/.3 FTE's
Drinking Water Primacy Core Activities (public education, fee assessments, health district contract management, laboratory certification program consumer confidence reports, annual confidence reports).	X			X			4,084 hours/2 FTE's
Assess Source Water Vulnerability, Implement Drinking Water Protection Activities, Develop Regional Drinking Water Protection Plans.	X			X		X	11,399 hours/5.5 FTE's

Drinking Water Contacts

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Jerri Henry, Regulatory Specialist and Enforcement Coordinator 208-373- 0471 (Laboratory Certifications, Chemical, and Radiation Rules).	Eric Winiecki, Source Water Protection 206-553-6904
Thomas John, Regulatory Specialist and Engineering Coordinator 208-373- 0191 (Microbial Rules)	Cyndi Grafe, Idaho Field Ops 208- 378-5771 (Idaho Drinking Water Liaison, Compliance and Enforcement, and PWSS Grant).
Chris Lavelle, Capacity Development Coordinator 208-373-0486 (Operator Certification and Sanitary Surveys).	Rick Green, Grants and Loans 206- 553-8504 (DWSRF and Set-Asides)
Don Lee, Field Services Coordinator 208-373-0289 (Drinking Water liaison with DEQ and Health District Field Offices).	Wendy Marshall, Microbial Rules 206- 553-1890
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